



COMMONWEALTH OF VIRGINIA  
*Department of Mines, Minerals and Energy*  
Division of Mined Land Reclamation

## Straight Creek TDS Wasteload Report 2017-Q1

04-01-2016 to 03-31-2017

### Watershed Information

Stressor:	TDS	Watershed Acres:	17,750
Wasteload Allocation:	180,000	Watershed Permits:	9
EPA TMDL Approval Date:	6/8/2006	Watershed Outfalls:	31

### Watershed Wasteload and Reduction Summary<sup>1</sup>

	Pre-TMDL Wasteloads <sup>2</sup>	Post-TMDL Wasteloads <sup>3</sup>	Total
Wasteload Allocation Available <sup>4</sup>	180,000	0	180,000
Wasteload <sup>5</sup>	933,661	0	933,661
Wasteload Balance	-753,661	0	-753,661
Wasteload Reduction Required <sup>6</sup>	753,661	0	753,661
Percent Reduction Required <sup>7</sup>	80.7 %	0.0 %	80.7 %

<sup>1</sup> Wasteload units are in kg/year unless otherwise noted.

<sup>2</sup> Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

<sup>3</sup> Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

<sup>4</sup> The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

<sup>5</sup> Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

<sup>6</sup> In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

<sup>7</sup> The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

### Permit Wasteload and Reduction Summary<sup>8</sup>

Permit Number	Pre-TMDL Wasteload <sup>9</sup>	Pre-TMDL Reduction Required <sup>10</sup>	Post-TMDL Wasteload <sup>11</sup>	Post-TMDL Reduction Required <sup>12</sup>	Total Wasteload	Total Wasteload Reduction Required
1201395	133,704	107,927	0	0	133,704	107,927
1301411	451,205	364,217	0	0	451,205	364,217
1202026	44,171	35,656	0	0	44,171	35,656
1402024	292,038	235,736	0	0	292,038	235,736
1202025	1,087	877	0	0	1,087	877
1202027	5,209	4,205	0	0	5,209	4,205
1202075	3,083	2,489	0	0	3,083	2,489
1202076	0	0	0	0	0	0
1102077	3,164	2,554	0	0	3,164	2,554
<b>Total</b>	<b>933,661</b>	<b>753,661</b>	<b>0</b>	<b>0</b>	<b>933,661</b>	<b>753,661</b>

<sup>8</sup> Wasteload units are in kg/year unless otherwise noted.

<sup>9</sup> The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

<sup>10</sup> Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

<sup>11</sup> The wasteload

<sup>12</sup> Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.